

## **Heart Attack (AMI) Hospital Comments, both with and without transfer cases.**

Note: The report on the website does not include patients who transferred into the hospital. Hospitals were able to comment on two reports, one that included all patients and one that did not include those transfer cases. For most community hospitals, the numbers were similar. The hospital comments for both reports are included below. Transfers to another hospital were not included in either report.

Anna Jaques Hospital  
BI Deaconess Medical Center  
Boston Medical Center  
Brigham and Women's Hospital  
Brockton Hospital  
Cambridge Health Alliance – Cambridge campus  
Cambridge Health Alliance – Somerville campus  
Cambridge Health Alliance – Whidden campus  
Caritas Carney Hospital  
Caritas Good Samaritan Medical Center  
Caritas Holy Family Hospital  
Caritas Norwood Hospital  
Caritas St. Elizabeth's Medical Center  
Hallmark Health System – Lawrence Memorial Hospital  
Hallmark Health System – Melrose-Wakefield Hospital  
Heywood Hospital  
Lahey Clinic  
Massachusetts General Hospital  
Morton Hospital and Medical Center  
Nantucket Cottage Hospital  
Nashoba Valley Medical Center  
Newton-Wellesley Hospital  
Noble Hospital  
North Adams Regional Hospital  
North Shore Medical Center – Salem  
North Shore Medical Center – Union  
Northeast Hospitals – Addison Gilbert Hospital  
Northeast Hospitals – Beverly Hospital  
Quincy Hospital  
Saint Anne's Hospital  
Saints Memorial Medical Center  
South Shore Hospital  
Southcoast Hospitals Group  
Sturdy Memorial Hospital  
Winchester Hospital

### **Anna Jaques Hospital**

Acute Myocardial Infarction (AMI): 1 out of 7 death records was Subacute admission

Acute Myocardial Infarction (AMI) (without Transfers): All cases duplicative – counted in AMI numbers – 1 patient transferred to Anna Jaques Hospital from another facility.

### **BI Deaconess Medical Center**

#### **Boston Medical Center**

Acute Myocardial Infarction (AMI):

Disagree with ARHQ'S denominator:

BMC Total Cases = 754

Obs. Rate = 5.43

Acute Myocardial Infarction (AMI) (without Transfers):  
Disagree with ARHQ'S denominator:  
BMC Total Cases = 265  
Obs. Rate = 7.92

### **Brigham and Women's Hospital**

### **Brockton Hospital**

### **Cambridge Health Alliance – Cambridge Campus**

Acute Myocardial Infarction (AMI): Denominator is small and rate highly variable. In eight out of eleven quarters of Core Data, Cambridge Health Alliance's predicted rate exceeds or equals observed rate.

### **Cambridge Health Alliance – Somerville Campus**

Acute Myocardial Infarction (AMI): Denominator is small and rate highly variable. In eight out of eleven quarters of Core Data, Cambridge Health Alliance's predicted rate exceeds or equals observed rate.

### **Cambridge Health Alliance – Whidden Campus**

Acute Myocardial Infarction (AMI): Denominator is small and rate highly variable. In eight out of eleven quarters of Core Data, Cambridge Health Alliance's predicted rate exceeds or equals observed rate.

### **Caritas Carney Hospital**

Acute Myocardial Infarction (AMI): 9/48 – denominator higher from our database  
Acute Myocardial Infarction (AMI) (without Transfers): 9/48 – denominator higher from our database

### **Caritas Good Samaritan Medical Center**

Acute Myocardial Infarction (AMI): 15/73 slight difference numerator/denominator  
Acute Myocardial Infarction (AMI) (without Transfers): 15/73 slight difference numerator/denominator

### **Caritas Holy Family Hospital**

Acute Myocardial Infarction (AMI): 13/63  
Acute Myocardial Infarction (AMI) (without Transfers): 13/63

### **Caritas Norwood Hospital**

Acute Myocardial Infarction (AMI): 18/160 - denominator higher from our database  
Acute Myocardial Infarction (AMI) (without Transfers): 18/160– denominator higher from our database

### **Caritas St. Elizabeth's Medical Center**

Acute Myocardial Infarction (AMI): 36/556 - denominator higher from our database  
Acute Myocardial Infarction (AMI) (without Transfers): 36/197 – denominator higher from our database

### **Hallmark H.S. – Lawrence Memorial Hospital**

Acute Myocardial Infarction (AMI)  
Acute Myocardial Infarction (AMI) (without Transfers): All cases are duplicated; these are same patients and same admission dates. Clearly Health and Human Services has made no attempt to accurately capture this information which is at least three years old.

### **Hallmark H.S. – Melrose-Wakefield Hospital**

Acute Myocardial Infarction (AMI)  
Acute Myocardial Infarction (AMI) (without Transfers): All cases are duplicated; these are same patients and same admission dates. Clearly Health and Human Services has made no attempt to accurately capture this information which is at least three years old.

### **Heywood Hospital**

Acute Myocardial Infarction (AMI): 73 Cases/13 deaths

Acute Myocardial Infarction (AMI) (without Transfers): 73 cases/13 deaths

### **Lahey Clinic**

Acute Myocardial Infarction (AMI): Many patients from the region are transferred to Lahey Clinic for advanced cardiac treatments and technologies available only at academic medical centers. Actual mortality rates for AMI patients at Lahey Clinic are better than the state average and better than would be expected based on the severity of patient illness.

Acute Myocardial Infarction (AMI) (without Transfers): Actual mortality rates for AMI patients at Lahey Clinic are better than the state average and better than would be expected based on the severity of patient illness.

### **Massachusetts General Hospital**

### **Morton Hospital and Medical Center**

### **Nantucket Cottage Hospital**

### **Nashoba Valley Medical Center**

AMI Cases: 24 Deaths: 2

AMI without transfer cases Cases: 24 Deaths: 2

### **Newton-Wellesley Hospital**

### **Noble Hospital**

Acute Myocardial Infarction (AMI): Those patients suitable for cardiac catheterization are transferred to a facility with a cath lab and not included in our discharge data.

Acute Myocardial Infarction without transfers (AMI): Patients in this category are not candidates for invasive management and are managed at Noble. They tend to have multiple medical issues.

### **North Adams Regional Hospital**

Acute Myocardial Infarction (AMI) and AMI without transfers: On-Going Performance Improvement Initiative – participant in American Heart Association “Get With The Guidelines” quality initiatives

### **North Shore Medical Center - Salem Hospital**

### **North Shore Medical Center - Union Hospital**

### **Northeast Hospitals – Addison Gilbert Hospital**

Acute Myocardial Infarction/Acute Myocardial Infarction Without Transfers (AMI):

These two indicators are listed on the data report as separate indicators, but contain the same number of discharges. The correct data for AMI with transfers is 99 patients, not 41 and 4 deaths. Addison Gilbert does not perform cardiac surgery and routinely transfers patients who will require cardiac catheterization and stenting.

#### Recommendation:

*The indicator that includes the transfers would be a better representation of the volume of inpatients with an AMI that are seen at this facility.*

**CORRECT DATA - Acute Myocardial Infarction - Total of 4 deaths in 99 cases**

**Mortality Rate change from 9.76 to 4.04**

### **Northeast Hospitals – Beverly Hospital**

Acute Myocardial Infarction/Acute Myocardial Infarction Without Transfers (AMI):

These indicators are listed on the data report as two different indicators, but contain the same number of discharges. The correct denominator for the Acute Myocardial Infarction patients with transfers at Beverly Hospital is 224 and not 107. Major cardiac surgery is not performed at this hospital and as such there are many transfers to other facilities for cardiac procedures. *Recommendation: The indicator that includes the transfers would be a better representation of the volume of inpatients with AMI that are seen at this facility.*

**CORRECT DATA – Acute Myocardial Infarction – Total of 17 deaths in 224 cases**

**Mortality Rate change from 15.89 to 7.58**

**Quincy Hospital**

**Saint Anne's Hospital**

Acute Myocardial Infarction (AMI): 13/96 SAH database reflects 96 as their denominator.

Acute Myocardial Infarction (AMI) (without Transfers): 13/96 SAH database reflects 96 as their denominator.

Acute Myocardial Infarction (AMI):

SMMC believes this data to be flawed. It also is prior to our hospital performing angioplasty; therefore all patients eligible for life-saving intervention were transferred to tertiary centers. The patients remaining were those patients not eligible for intervention due to pre-existing medical conditions or did not meet criteria for interventional success.

**South Shore Hospital**

**Southcoast Hospitals Group**

**Sturdy Memorial Hospital**

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Acute Myocardial Infarction (AMI): Excludes transfers out. Eight (8) of 12 deaths were Do Not Resuscitate (DNR). When a DNR patient dies, we are following the patient's wishes. Average age 75 years; multiple medical issues.

Acute Myocardial Infarction (AMI) (without Transfers): Excludes both transfers out and transfers in. These 60 cases are exactly the same as the 60 AMI cases above.

**Winchester Hospital**

Acute Myocardial Infarction (AMI) – Winchester Hospital's mortality rate is statistically consistent with the expectations and our estimated cost per procedure is within the lowest 25% of the hospitals in the study.

Acute Myocardial Infarction (AMI) without transfers – Winchester Hospital's mortality rate is statistically consistent with the expectations and our estimated cost per procedure is within the lowest 25% of the hospitals in the study.